

WHAT IS CLAIMED IS:

1. A video signal reproduction apparatus for receiving an information signal including a video signal and a determination signal indicating a type of the video signal, and reproducing the video signal included in the information signal, comprising:

 a conversion section for converting the video signal to a progressive scan video signal; and

 an aspect ratio conversion section for converting an aspect ratio of the progressive scan video signal output from the conversion section and outputting the converted progressive scan video signal to a progressive scan video monitor,

 wherein the aspect ratio conversion section converts the aspect ratio of the progressive scan video signal based on the determination signal indicating the type of the video signal and monitor information indicating a type of the progressive scan video monitor.

2. A video signal reproduction apparatus according to claim 1, wherein the aspect ratio conversion section converts the aspect ratio of the progressive scan video signal so that the progressive scan video signal is displayed on the progressive scan video monitor at a correct aspect ratio.

3. A video signal reproduction apparatus according to claim 1, wherein:

 the aspect ratio includes first and second aspect ratios;

 the video signal includes a video signal representing a first image having the first aspect ratio

and a second image having the second aspect ratio;

the progressive scan video monitor includes a first monitor having the first aspect ratio and a second monitor having the second aspect ratio; and

the aspect ratio conversion section converts the aspect ratio of the progressive scan video signal when the determination signal indicates the first image as having the first aspect ratio and the monitor information indicates the second monitor as having the second aspect ratio.

4. A video signal reproduction apparatus according to claim 3, wherein:

the first image includes a full image having the first aspect ratio; and

the aspect ratio conversion section converts the aspect ratio of the progressive scan video signal so that the full image represented by the progressive scan video signal is compressed in a horizontal direction, when the determination signal indicates the full image.

5. A video signal reproduction apparatus according to claim 4, wherein:

the second monitor having the second aspect ratio extends the full image having the first aspect ratio in a horizontal direction by a factor of (M/N) where M and N are integers and $M > N$; and

the aspect ratio conversion section compresses the full image in the horizontal direction by a factor of (N/M) so that the full image having the first aspect ratio is displayed on the second monitor having the second aspect ratio at a correct aspect ratio.

6. A video signal reproduction apparatus according to

PROGRESSIVE SCAN

claim 4, wherein the aspect ratio conversion section renders a blank portion resulting from the compression of the full image in the horizontal direction as a black image.

7. A video signal reproduction apparatus according to claim 3, wherein:

the first image includes a letterbox image including the first aspect; and

when the determination signal indicates the letterbox image, the aspect ratio conversion section converts the aspect ratio of the progressive scan video signal so that the letterbox image represented by the progressive scan video signal is extended in a vertical direction.

8. A video signal reproduction apparatus according to claim 7, wherein:

the second monitor having the second aspect ratio extends the letterbox image having the first aspect ratio in a horizontal direction by a factor of (M/N) where M and N are integers and $M > N$; and

the aspect ratio conversion section extends the letterbox image in a vertical direction by a factor of (M/N) so that the letterbox image having the first aspect ratio is displayed on the second monitor having the second aspect ratio at a correct aspect ratio.

9. A video signal reproduction apparatus according to claim 7, wherein:

the letterbox image includes a subtitle displayed at an upper or lower portion of the letterbox image; and

the aspect ratio conversion section shifts the letterbox image represented by the progressive scan video

signal so that the subtitle is prevented from disappearing from the second monitor having the second aspect ratio included in the progressive scan video monitor when the letterbox image is extended in the vertical direction.

10. A video signal reproduction apparatus according to claim 3, wherein the first aspect ratio is 4:3 and the second aspect ratio is 16:9.

11. A video signal reproduction apparatus according to claim 1, wherein the aspect ratio conversion section includes:

an aspect ratio conversion circuit for converting an aspect ratio of the progressive scan video signal and outputting the converted progressive scan video signal to the progressive scan video monitor;

a designating section for designating the monitor information indicating the type of the progressive scan video monitor; and

a control circuit for controlling the aspect ratio conversion circuit based on the determination signal and the monitor information designated by the designating section.

12. A video signal reproduction apparatus according to claim 1, wherein the conversion section includes:

an interlaced scan video signal reproduction section for reproducing the video signal as an interlaced scan video signal having 60 fields per second;

an interlaced scanned aspect ratio conversion section for converting an aspect ratio of the interlaced scan video signal reproduced by the interlaced scan video signal reproduction section; and

a progressive scan video signal conversion section for converting the interlaced scan video signal, the aspect ratio of the interlaced scan video signal being converted by the interlaced scan video signal reproduction section, into the progressive scan video signal.

13. A video signal reproduction apparatus according to claim 12, wherein the conversion section further includes:

an interlaced scan designating section for designating interlaced scan monitor information indicating a type of the interlaced scan video monitor; and

an interlaced scan control circuit for controlling the interlaced scan aspect ratio conversion section based on the determination signal and the interlaced scan monitor information designated by the interlaced scan designating section.

10220-0200-0000